

REMARKS

The foregoing amendments are submitted in response to the first Office action in an attempt to place the application in condition for allowance as hereinafter pointed out. Also submitted herewith is a formal drawing as replacement for the drawing sheet previously submitted.

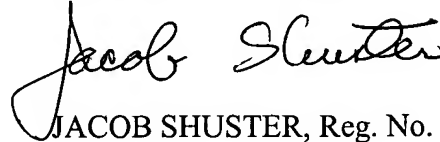
According to the Office action, claims 1-5 would be allowed if amended to overcome the indefiniteness objections thereto as stated on pages 2-3 of the Office action. Claim 1 has therefore been amended so as to clarify the claim distinctions of the present invention in regard to the questions raised in the Office action. Such distinctions are clarified in new claim 16 submitted and in the amended specification and drawing.

The present invention as set forth in the amended claims is more definitely directed to the processing of a fluent biomass delivered from sources 17 to a bioreactor tank 12 to undergo membrane filtration within the small chamber of the tank 12 from which it overflows (21) into the large chamber to then undergo biological treatment promoted by aerator 19 as clearly illustrated in FIG. 1 and described on page 2 of the specification. Also the Summary of the Invention, paragraph [0005] in the specification expressly indicates that the fluent biomass delivered to the tank 12 from the source 17 for processing pursuant to the present invention is wastewater contaminated under different conditions so that either one portion thereof may undergo decontaminating treatment or another portion may be filtrated into a cleansed effluent.

Appln No. 10/758,559
Navy Case No. 96,046
Amendment in Reply to Office action dated Aug. 23, 2005

In view of the foregoing, an allowance of the application based on claims 1-5 and 16 is in order and is hereby requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jacob Shuster". The signature is fluid and cursive, with the first name "Jacob" written in a larger, more prominent script than the last name "Shuster".

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AMENDMENTS TO THE DRAWING

The replacement sheet, appended hereto, include changes in FIG. 1 and 2.

In FIG. 1, there is a change in arrow direction to pump 28 and the addition of reference numerals 13, 21, 27 and 31.

In FIG. 2, reference numeral 12 and 18 deleted, reference numeral 14-16 and 17 added and "AERATION" changed to "SLUDGE DISCHARGE".